

WHAT IS CLAIMED IS

1. A method of producing a semi-hard magnetic material, comprising the steps of: preparing a multilayer body in which layers "A" each containing as the main component thereof Fe having magnetism and layers "B" each containing a non-magnetic Cu group metal as the main component thereof are stacked each other; heating the multilayer body so that the layers "B" are subjected to a dividing treatment; and applying a cold plastic working to the multilayer body.

2. A method of producing the semi-hard magnetic material according to claim 1, wherein the dividing treatment is performed at a holding temperature of 685 to 1085°C for a holding period of time of 10 to 180 minutes.

3. A method of producing the semi-hard magnetic material according to any one of claims 1 and 2, further comprising the step of performing an steepness-affording heat treatment so that squareness ratio and magnetization steepness are enhanced by heating the multilayer body.

4. A method of producing the semi-hard magnetic material according to claim 3, wherein the steepness-affording heat treatment for enhancing the squareness ratio and the magnetization steepness by use of the heating is performed at a holding temperature of 400 to 700°C for a holding period of time of 2 to 120 minutes.

5. A method of producing the semi-hard magnetic

material according to claim 1, further comprising the step of performing cold working so that the multilayer body becomes a thin sheet having a thickness of 0.03 to 1.0 mm.

5 6. A semi-hard magnetic material having a structure in which layers "A" each containing as the main component thereof Fe having magnetism and layers "B" each containing a non-magnetic Cu group metal as the main component thereof are stacked each other, each of said layers "B" being provided with a shape of sheet partially divided.

10 7. A magnetic marker having the semi-hard magnetic material according to claim 6, said semi-hard magnetic material is located so that a bias magnetic field is applied to a magnetostriuctive element used for said magnetic marker.

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